

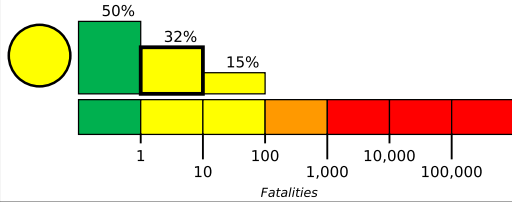
M 5.9, 38km ESE of Falam, Burma

Origin Time: 2020-04-16 11:45:23 UTC (Thu 18:15:23 local)

Location: 22.7822° N 94.0248° E Depth: 10.0 km

Created: 2 hours, 2 minutes after earthquake

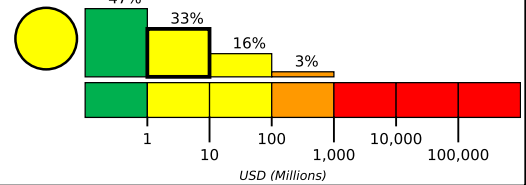
Estimated Fatalities



Yellow alert for shaking-related fatalities and economic losses. Some casualties and damage are possible and the impact should be relatively localized. Past yellow alerts have required a local or regional level response.

Estimated economic losses are less than 1% of GDP of Burma.

Estimated Economic Losses

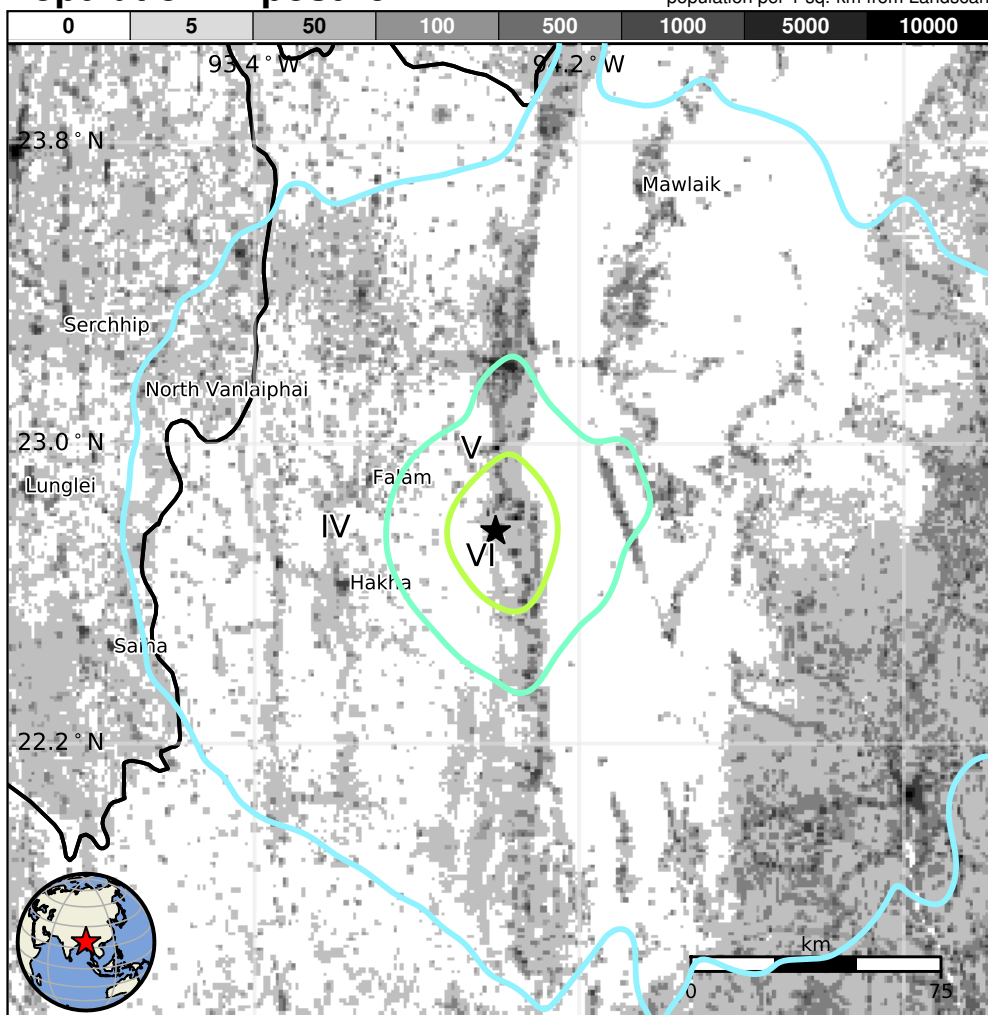


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	1,232k*	2,642k	303k	131k	4k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are adobe block with wood and rubble/field stone masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1988-02-06	330	5.8	VII(866k)	2
2003-07-26	175	5.6	VII(96k)	2
1984-12-30	241	6.0	IX(4k)	20

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Falam	5k
IV	Hakha	20k
IV	Mawlaik	45k
IV	North Vanlaiphai	3k
IV	Monywa	182k
III	Khawhai	3k
III	Saiha	23k
III	Lunglei	53k
III	Serchhip	20k
III	Thenzawl	6k
III	Aizawl	265k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us70008xhp#pager>

bold cities appear on map.

(k = x1000)

Event ID: us70008xhp